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Substitute for form 1449/PTO

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

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of

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Complete if Known

Application Number

Filing Date

First Named Inventor

Art Unit

Examiner Name

HEREWITH

Baker, Jr., Clark R., et. al.

Attorney Docket Number

09103-009632US

## U.S. PATENT DOCUMENTS

Examiner	Cite No. <sup>1</sup>	Document Number Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
CB	1	US-3,647,299	03/07/1972	Lavallee	
	2	US-3,704,706	12/05/1972	Herczfeld et al.	
	3	US-4,063,551	12/20/1977	Sweeney	
	4	US-4,086,915	05/02/1978	Kofsky et al.	
	5	US-4,095,117	06/13/1978	Nagy	
	6	US-4,407,290	10/04/1983	Wilber	
	7	US-4,537,200	08/27/1985	Widrow	
	8	US-4,549,551	10/29/1985	Dyck et al.	
	9	US-4,621,643	11/11/1986	New, Jr., et al.	
	10	US-4,649,505	03/10/1987	Zinser, Jr. et al.	
	11	US-4,700,708	10/20/1987	New, Jr., et al.	
	12	US-4,705,049	11/10/1987	John	
	13	US-4,723,294	02/02/1988	Taguchi	
	14	US-4,763,282	08/09/1988	Rosenberg	
	15	US-4,770,179	09/13/1988	New, Jr., et al.	
	16	US-4,773,422	09/27/1988	Isaacson et al.	
	17	US-4,789,493	01/24/1989	DuFault	
	18	US-4,800,495	01/24/1989	Smith	
	19	US-4,802,486	02/07/1989	Goodman et al.	
	20	US-4,819,752	04/11/1989	Zelin	
	21	US-4,824,242	04/25/1989	Frick et al.	
	22	US-4,848,901	07/18/1989	Hood, Jr.	
	23	US-4,860,759	08/29/1989	Kahn et al.	
	24	US-4,863,265	09/05/1989	Flower et al.	
	25	US-4,867,571	09/19/1989	Frick et al.	
	26	US-4,869,253	09/26/1989	Craig, Jr. et al.	
	27	US-4,869,254	09/26/1989	Stone et al.	
	28	US-4,883,353	11/28/1989	Hausman et al.	
	29	US-4,892,101	01/09/1990	Cheung et al.	
	30	US-4,907,594	03/13/1990	Muz	
	31	US-4,911,167	03/27/1990	Corenman et al.	
	32	US-4,927,264	05/22/1990	Shiga et al.	
	33	US-4,928,692	05/29/1990	Goodman et al.	
	34	US-4,934,372	06/19/1990	Corenman et al.	
	35	US-4,948,248	08/14/1990	Lehman	
	36	US-4,949,710	08/21/1990	Dorsett et al.	
53	37	US-4,955,379	09/11/1990	Hall	
53	38	US-4,956,867	09/11/1990	Zurek et al.	

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	
(use as many sheets as necessary)				Filing Date	HEREWITH
Page	2	of	5	First Named Inventor	Baker, Jr., Clark R., et. al.
				Art Unit	
				Examiner Name	
				Attorney Docket Number	09103-009632US

U.S. PATENT DOCUMENTS					
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CB	39	US-4,958,638	09/25/1990	Sharpe et al.	
	40	US-4,960,126	10/02/1990	Conlon et al.	
	41	US-5,025,791	06/25/1991	Niwa	
	42	US-5,054,495	10/08/1991	Uemura et al.	
	43	US-5,057,695	10/15/1991	Hirao et al.	
	44	US-5,058,588	10/22/1991	Kaestle	
	45	US-5,078,136	01/07/1992	Stone et al.	
	46	US-5,246,002	09/21/1993	Prosser	
	47	US-5,267,562	12/07/1993	Ukawa et al.	
	48	US-5,273,036	12/28/1993	Kronberg et al.	
	49	US-5,348,004	09/20/1994	Hollub	
	50	US-5,351,685	10/04/1994	Potratz	
	51	US-5,431,170	07/11/1995	Mathews	
	52	US-5,458,128	10/17/1995	Polanyi et al.	
	53	US-5,467,778 A	11/1995	Catt et al.	
	54	US-5,479,922	01/02/1996	Reichl	
	55	US-5,482,036	01/09/1996	Diab et al.	
	56	US-5,485,847	01/23/1996	Baker, Jr.	
	57	US-5,490,505	02/13/1996	Diab et al.	
	58	US-5,494,032 A	02/1996	Robinson et al.	
	59	US-5,511,042	04/23/1996	O'Brien, Jr.	
	60	US-5,524,631 A	06/1996	Zahorian et al.	
	61	US-5,553,615	09/10/1996	Carim et al.	
	62	US-5,632,272	05/27/1997	Diab et al.	
	63	US-5,685,299	11/11/1997	Diab et al.	
	64	US-5,758,644	06/02/1998	Diab et al.	
	65	US-5,769,785	06/23/1998	Diab et al.	
CB	66	US-5,853,364 A	12/1998	Baker Jr., et al.	
CB	67	US-8,157,850	12/05/2000	Diab et al.	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>				
CB	68	DE	3328862	A1	02/28/1985		<input type="checkbox"/>
CB	69	EP	0 341 327	A1	11/15/1988		<input type="checkbox"/>

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CLB	70	GB	2 168 326	04/30/1988		<input type="checkbox"/>
CLB	71	GB	2 235 288	02/27/1991		<input type="checkbox"/>
CLB	72	WO	92/15955	A1	09/17/1992	<input type="checkbox"/>
CLB	73	SU	1674798	A1	09/07/1991	<input type="checkbox"/>

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NON PATENT LITERATURE DOCUMENTS				
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<i>ES</i>	74	BROWN, "Evaluation of Pulse Oximeters using Theoretical Models and Experimental Studies," <i>Cover page-p.2</i> (1987)		
	75	BROWN, Robert Grover and HWANG, Patrick Y.C., <i>Introduction to Random Signals and Applied Kalman Filtering</i> , (2nd Ed.), (1992), pp. 231-232, 261, John Wiley & Sons, Inc., New York, NY		
	76	CHEN et al., "Adaptive System for Processing of Electrogastric Signals," <i>IEEE Engineering in Medicine &amp; Biology Society, 11th Annual International Conference</i> , (1989), pp. 698-699		
	77	COHEN, A., <i>Biomedical Signal Processing, Volume I, Time and Frequency Domains Analysis</i> , pp. 152-159, CRC Press, Inc., Boca Raton, FL		
	78	HARRIS et al., "Digital Signal Processing with Efficient Polyphase Recursive All-Pass Filters," <i>International Conf. on Signal Processing</i> , (1991), Florence, Italy		
	79	HENDRY, S.O., "Computation of Harmonic Comb Filter Weights," <i>IEEE Transactions on Signal Processing</i> , (1993), pp. 1677-1680, Vol. 41, No. 4		
	80	JINZHENG et al., "Digital Processing of High-Resolution Electrocardiograms-Detection of His-Purkinje Activity from the Body Surface," <i>Biomed. Technik</i> , 33(10):224-230 (1988)		
	81	KLIMASAUSKAS, "Neural Nets and Noise Filtering," <i>Dr. Dobb's Journal</i> , 14(1):32-48 (1989)		
	82	MOOK et al., "Wavelength dependency of the spectrophotometric determination of blood oxygen saturation," <i>Clinical Chemistry Acta</i> , 26:170-173 (1969)		
	83	MOOK et al., "Spectrophotometric determination of oxygen saturation of blood independent of the presence of indocyanine green," <i>Cardiovascular Research</i> , (1979) 13:233-237		
	84	NEHORAI, A., "A Minimal Parameter Adaptive Notch Filter with Constrained Poles and Zeros," <i>IEEE on Acoustics, Speech, and Signal Processing</i> , (1985), pp. 983-996, Vol. 33, No. 4		
	85	NEHORAI, A. and PORAT, B., "Adaptive Comb Filtering for Harmonic Signal Enhancement," <i>IEEE on Acoustics, Speech, and Signal Processing</i> , (1986), pp. 1124-1138, Vol. 14, No. 5		
	86	NEUMAN, "Pulse Oximetry: Physical Principles, Technical Realization and Present Limitations," <i>CONTINUOUS TRANSCUTANEOUS MONITORING</i> , (1987), pp. 135-144		
<i>ES</i>	87	RABINER et al., "Theory and Application of Digital Signal Processing," (1975), p. 260, Prentice Hall, Inc., Englewood Cliffs, NJ		
<i>ES</i>	88	SEVERINGHAUS, "Pulse Oximetry Uses and Limitations," <i>ASA Convention in New Orleans, LA</i> (1989), pp. 1-3		

Examiner Signature	<i>Examiner Signature</i>	Date Considered	08/07/06
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**INFORMATION DISCLOSURE  
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Application Number	
Filing Date	HEREWITH
First Named Inventor	Baker, Jr., Clark R., et. al.
Art Unit	
Examiner Name	

Attorney Docket Number 09103-009632US

**NON PATENT LITERATURE DOCUMENTS**

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CB	89	STRANG, Gilbert, <i>Introduction to Applied Mathematics</i> , (1986), pp.148-152, Wellesley Cambridge Press, Wellesley, MA	
CB	90	VARANINI et al., "A Two-Channel Adaptive Filtering Approach for Recognition of the QRS Morphology," <i>COMPUTERS IN CARDIOLOGY</i> , IEEE Computer Society Press, (1992), pp. 141-144	

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>			
Sheet	1	of	1
		Application Number	10/806,647
		Filing Date	March 22, 2004
		First Named Inventor	Clark R. Baker, Jr.
		Art Unit	3736
		Examiner Name	Unassigned
		Attorney Docket Number	009103-009632US

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CB	1	Testimony of Mohammed Diab, Testimony of Jack Goldberg, Reporter's Transcript of Proceedings, Morning Session, Feb. 24, 2004, pp. 626-710, US District Court, Central District of California, No. CV 00 6506-MRP, Los Angeles, California	
	2	Testimony of Jack Goldberg, Reporter's Transcript of Proceedings, Afternoon Session, Feb. 24, 2004, pp. 711-806, US District Court, Central District of California, No. CV 00 6506-MRP, Los Angeles, California	
	3	Testimony of Jack Goldberg, Reporter's Transcript of Proceedings, Morning Session, Feb. 25, 2004, pp. 807-826, US District Court, Central District of California, No. CV 00 6506-MRP, Los Angeles, California	
	4	Joint Exhibits: JTX-5009, JTX-5010, JTX-5013, JTX-5014, JTX-5015, JTX-5017, JTX-5021, US District Court, Central District of California, No. CV 00 6506-MRP, Los Angeles, California	
✓	5	Testimony of James Edward Corenman, Testimony of Clark Raymond Baker, Jr., Testimony of Robert Thomas Stone, Reporter's Transcript of Proceedings, Afternoon Session, March 3, 2004, pp. 1696-1795, US District Court, Central District of California, No. CV 00 6506-MRP, Los Angeles, California	
✓	6	Testimony of Robert Thomas Stone, Reporter's Transcript of Proceedings, Morning Session, March 4, 2004, pp. 1796-1884, US District Court, Central District of California, No. CV 00 6506-MRP, Los Angeles, California	

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